

WAKE COUNTY—Continued

354402078403401. County number, WK-289; DENR Lake Wheeler Research Station PZ-2.

LOCATION.--Lat 35°44'01.8", long 78°40'34.0", Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on NCSU Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Raleigh Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 37 ft, diameter 2 in., cased to 17 ft, screened interval from 17 to 37 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by DENR and USGS).

DATUM.--Land-surface datum is 359.09 ft above NGVD of 1929. Measuring point: Top of 2-inch casing, 1.75 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.50 ft below land-surface datum, Aug. 13, 2003; lowest water level measured 15.37 ft below land-surface datum, Aug. 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL								
OCT 03	14.95*	DEC 30	11.95*	MAR 05	11.32*	MAY 14	11.77	AUG 13	10.50*
NOV 04	12.96*	FEB 03	12.37*	APR 03	11.40*	JUL 09	10.94*	SEP 17	11.13*

*DENR measurements.

